



January 10, 2005

Mr. Charles Zadakis, PE, Chief
Pennsylvania Department of
Environmental Protection
400 Market Street, 12th Floor
Harrisburg, PA 17105-8468

Ms. Linda Miller, 3 AP 11
US Environmental Protection
Agency, Region III
1650 Arch Street
Philadelphia, PA 19103

Subject: United States Steel Corporation Clairton Coke Works
NOx CEM System B Battery
Data Acquisition and Handling System conversion

The Enertec (ESC) Data Acquisition and Handling System (DAHS) at the B Battery facility will be converted over to ESC's DAHS. The conversion will eliminate the Allen Bradley Processor and its associated input and output cards, and the Dell computer with the Enertec Software.

The new system will use an ESC model 8816 data logger in place of the Allen Bradley processor. The data logger will be polled from the present, ESC DAHS computer at the Boiler House NOx CEMS, via the plant network. Additional software will be added to this computer to accommodate the polling, additional files, and reports, for the B Battery data.

A couple of changes in the software will be made during the conversion. The first change was requested by PADEP. Currently the system tags the data as invalid when the B Battery facility experiences a gas off condition during a reverse. A reverse is when combustion is switched from one series of flues to another series of flues. During this switching process the underfire gas flow goes to zero for approximately two minutes. PADEP would like this data to be valid because this gas off condition is part of the normal operations for this facility. The new software will not tag the data invalid during this gas off condition. The second change will allow the quarterly CGA audits to be run automatically by a program in the data logger. Currently we must manually switch the gases and record the values of the test gases.

We plan on getting this conversion completed the first quarter of 2005. Please advise us of the acceptance tests that will be required for this conversion.

If you have any questions on this report, please direct them to me at 412-233-1015 or by email at cdavis@uss.com or Gary Swaoger at 412-233-1433 or gswaoger@uss.com

Sincerely,

Coleen M. Davis
Senior Environmental Control Engineer



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025-1856

October 18, 2004

Mr. Michael Ioff
U.S. Environmental Protection Agency
Region III
1650 Arch Street, Mail Code 34532
Philadelphia, PA 19013-2029

Subject: Coke Oven Collector Mains

Dear Mr. Ioff:

On October 10, 2004, during the daily inspection of the collector mains, two leaks were discovered to pitch traps on Batteries 1-3; one on the north end of 1 Battery and the other on the south end of 3 Battery.

The pitch trap on 1 Battery will be replaced this week, however, additional preparation work is necessary on 3 Battery. Due to this additional preparation, the pitch trap will not be repaired within the required 15 days.

Consequently, USS Clairton Works requests that you approve an alternative schedule for the completion of the 3 Battery collector main repairs. Repairs will be made as expeditiously as possible and are expected to be completed by October 31, 2004. In conclusion, these repairs are necessary to ensure compliance. If you have any questions, please call me at 412-233-1015 or Mike Hohman at 412-233-1467.

If you have any questions or require more information, please call me at 412-233-1015.

Sincerely,

Coleen M. Davis
Senior Environmental Control Engineer

cc: Mr. James Thompson, Allegheny County Health Department

42-003-00000000



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025-1855

September 29, 2004

Director
Bureau of Air Quality Control
Department of Environmental Protection
400 Market Street
Harrisburg, PA 17120

Roger C. Westman Ph.D.
Allegheny County Health Dept.
Department of Air Quality
301 Thirty-ninth Street
Pittsburgh, PA 15201

U. S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19013-2029
ATTN: Air Mgmt. Div. 3AM00

Office of Chief Counsel
Western Region
Dept. of Environmental Protection
400 Waterfront Drive
Pittsburgh, PA 15222-4745

Gentlemen:

Subject: Batteries #19 & #20 Combustion Stack Compliance Demonstration
Batteries #19-20 Pushing Emission Control (PEC) Compliance Demonstration

This letter serves as formal notification of our intention to initiate a compliance demonstration program on Batteries #19 & #20 Combustion Stacks on November 9th and 10th, 2004 respectively. In addition, a compliance demonstration will be conducted on Batteries #19 & #20 Pushing Emission Control (PEC) system during the period November 16-18, 2004.

The sampling methods and equipment employed will be those referenced in 40 C.F.R. Part 60, Appendix A, most recent revision. These methods were outlined in the test protocols previously submitted.

This tentative schedule is contingent upon normal operations of Batteries #19 & #20 and acceptable weather.

Refer questions regarding this letter to Mr. M. E. Hohman at (412) 233-1467.

Very truly yours,

Anton Lukac
Plant Manager

AL/BAC